

PELIKAN, V.; STRANSKA, T.

Contribution to the method for the pathophysiological interpretation
in clinical and experimental studies. Activ. nerv. sup. 4 no.2:156-157
'62.

1. Psychiatricka klinika lekarske fakulty Karlovy university v Hradci
Kralove.

(PHYSIOLOGY)

...and the following information on the central activity of
the Chinese Communist Party in the United States during
the period 1949-1952.

See also the following document:

See also the following document, vol. 2, file 2; 111-192.

See also the following document, vol. 2, file 2; 111-192.
This document contains information on the organizational and
political activities of the Chinese Communist Party in the United States
during the period 1949-1952. It was obtained from
the Chinese Communist Party in the United States, although
it was prepared by the Chinese Communist Party in the United States.

STRANSKI, D.N., dotsent.

Effect on infection of bakelite therapy of gangrene of the dental
pulp. Stomatologija, Sofia no.4:208-215 1954.

(DENTAL PULP, gangrene,

ther.)

(GANGRENE,

dent. pulp, ther.)

SIRANSKI, D.N.

STRANSKI, D.N., dots., kand na med. nauki

Root canal therapy and its significance in the treatment of complicated gangrene. Stomatologija. Sofia No.6:323-332 1954.

1. Iz Katedrata po terapevтична stomatologija. Zav. katedrata: prof. D.Svrakov.

(DENTAL PULP, gangrene,
root canal ther.)

(GANGRENA,
dent. root canal ther.)

(ROOT CANAL THERAPY, in various diseases,
gangrene)

STRANSKI, D., dots.; RACHEV, M.; LAZAROVA, VI.

Preventive effect of fluorine in potable water in dental caries.
Stomatologija, Sofia No.6:339-344 1954.

1. Iz nauchniia krazhok pri Katedrata po terapeutichna stomatologija
Nauchen kurovoditel:kand med. nauki dots. D.Stranski.

(FLUORIDATION,
in Bulgaria)

(DENTAL CARIES, prevention and control,
in Bulgaria, fluoridation)

STRANSKIY, D.N., kand.med.nauk

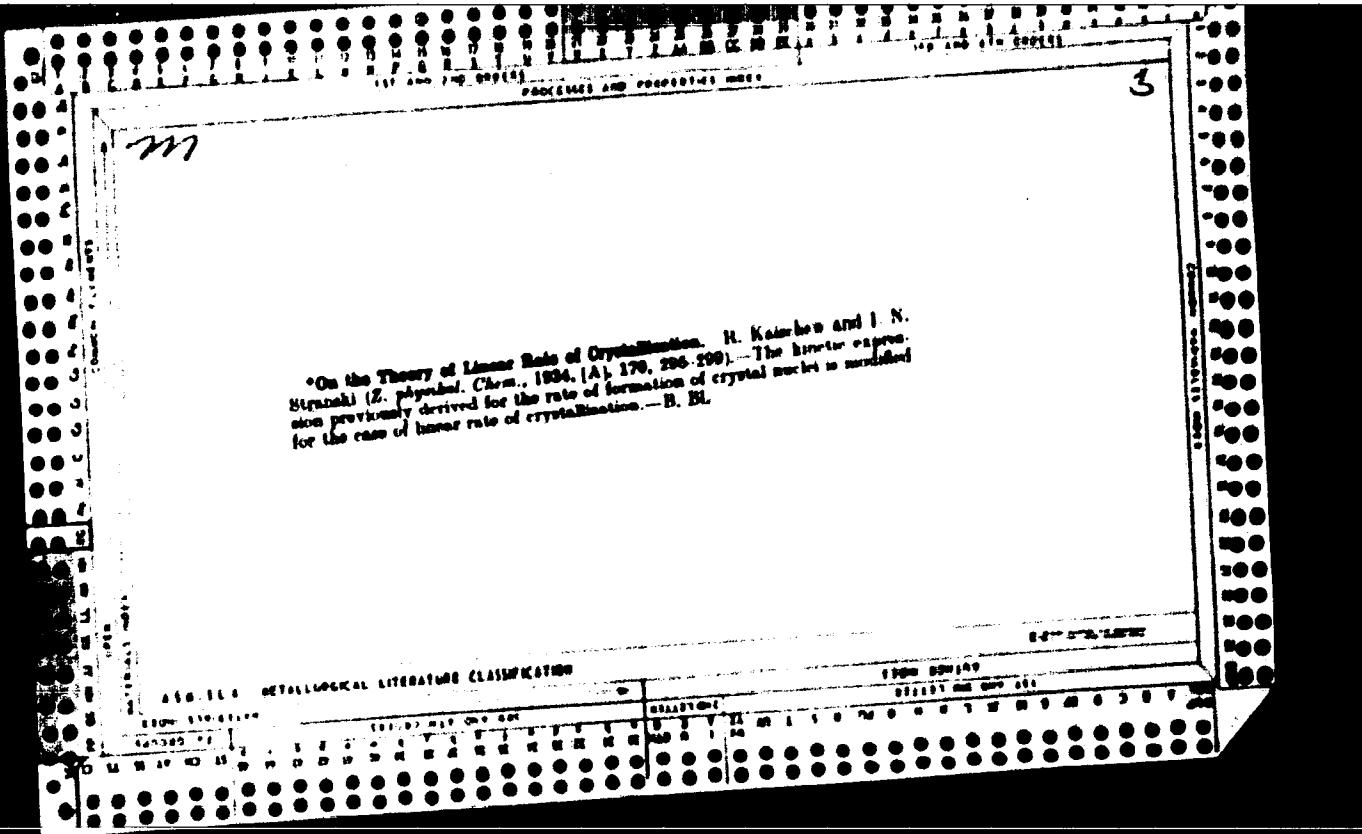
Treating complicated dental caries. Stomatologija 36 no.1:12-16
Jn-F '57.

(MIRA 11:1)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. D.Svrankov) Stomatologicheskogo instituta v Sovii (Bolgarskaya Narodnaya Respublika)
(TENTH--DISMASMS)

11
The growth and solution of hexagonal crystals
by N. Mazzoni. See our No. II, Periodic part
March 20, No. 2, 1957 in German 22, 9, 1957, p.
17 A 30, 2059; 27, 2059. The ideal hexagonal crystals
cannot appear in simple form, but always need to present
as combinations. The metallic crystals can be regarded
approx. as hexagonal as far as they grow or dissociate
into neutral atoms. In electrolysis in the presence of
ions the growth of ions of the metallic crystal is complicated
by its possession of free electrons. In heterogenous
catalysis it is necessary to distinguish between the hetero-
polar and hexagonal crystal catalysts J. Kuhn

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION



CA

Theory of crystal growth and crystal nucleus formation.
 I. Mechanics of the equilibrium of small crystals
 I. N. Stranski and R. Kaishev. *Zhur. nov. fizika*, 11,
Zhurn. fiz. mat. 1957, 2, 32, 171 (in German 281-1)
 (Zhurn. of T. A. 29, 1957). The mechanics of crystal
 growth and nucleus formation can be quantitatively
 treated and that only from the basis of the work of
 which leads into a statistical treatment of the problem.
 The authors proceed to formulate a generalization be-
 tween two- and three-dimensional nuclei. They find the
 work of formation of a two-dimensional nucleus from the
 vapor phase is equal to the work of separation of the two-dimen-
 sional nucleus into the outer layer of a three-dimensional
 nucleus. A general equation identical with the Thomson
 Gibbs equation for a simple crystal surface whether or not
 it is at equilibrium is derived. From this equation the me-
 chanics of growth of both two- and three-dimensional nuclei

can be stated. II. The kinetic derivation of the rate
 of nucleus formation. R. Kaishev and I. N. Stranski
Zhur. 210-211 (in German 283-4). The liquid nuclei the
 two of nuclei known to be and yet until now is given by
 the equation $J = (C_p N / \sqrt{2\pi MRT}) e^{-E/RT}$ for nuclei
 from gases; $J = (C_p N / \sqrt{2\pi MRT}) e^{-E/RT}$ for nuclei
 from σ^2 ; and for nuclei from a simple cubic lattice $J =$
 $C_p (a/2) \sqrt{14\pi/3} e^{-E/RT}$ to 284. The rate of nucleus
 formation occurs in each case. The rate of growth is
 given by $r = (A/2T)^{1/2} e^{-E/RT}$. From this
 the manner of reaction can be followed. III. The
 equilibrium form and growth form of crystals. I. N.
 Stranski and R. Kaishev. *Zhur. 217* (in German 281).

No atom or molecule can remain on the crystal surface whose
 work of origin is smaller than the work of a pair fixed
 by its center about the crystal surface of equal size
 by means of two-dimensional nuclei. The equal bonds
 depends on the degree of saturation. A crystal supersaturation
 at which these nuclei do not affect growth and the
 surface of the equal form practically vanishes.
 Researcher H. Lamfers

Change of the velocity of formation of nuclei in super-cooled media. I. N. Stronski. *J. Phys. Chem.* (U.S.S.R.) 8, 622 (1931). -- It suggests that "supercooling" for the study of nucleus formation may also be obtained in effect by keeping the temp. const. just above the m.p. at 1 atm., and then raising the pressure to several hundred or several thousand atm., where the m.p. are much higher. Also in *Physik Z. Sowjetunion* 10, 646 (in German).

J. H. Rathbun

AMERICAN INTELLIGENCE LIBRARY CLASSIFICATION

The Measurement of the Abundance of (Crystal) Nuclei Formation in Super-cooled Melts (Potassium). I. N. Stranak (Objekt) Z. Slepčevská, ICM, 10, (5), 604-605. [In German]. In this preliminary note, we discuss the possibility of investigating the formation of nuclei in melts as a volume reaction and not merely as a phenomenon occurring at phase boundaries, by increasing the pressure on the melt. The effect of the wall of the vessel can be eliminated by heating. Data relating to the effect of pressure on the melting point of potassium are given. J. N. G. T.

CA

2

The equilibrium form of homopolar crystals. I. N. Straus and R. Kaishev and I. K. Stanev. *Zes. nov. Šaf.* 17, *Fortschr. phys.-math.*, Seite 2, 22, 163 A m (German) (1962); cf. *C. A.* 56, 16410. Reference is made to the theoretical derivation of the equal form of polar crystals given in a previous article and this table is compared with exptl. data from other sources. It agrees quite well with the theory for Mg, Cd and AgCl crystals washed free of NH₄. A discussion follows on the results obtained for Sr and Ba crystals.
Raymond H. Lambert

EQUILIBRIUM METALLURGICAL LITERATURE CLASSIFICATION

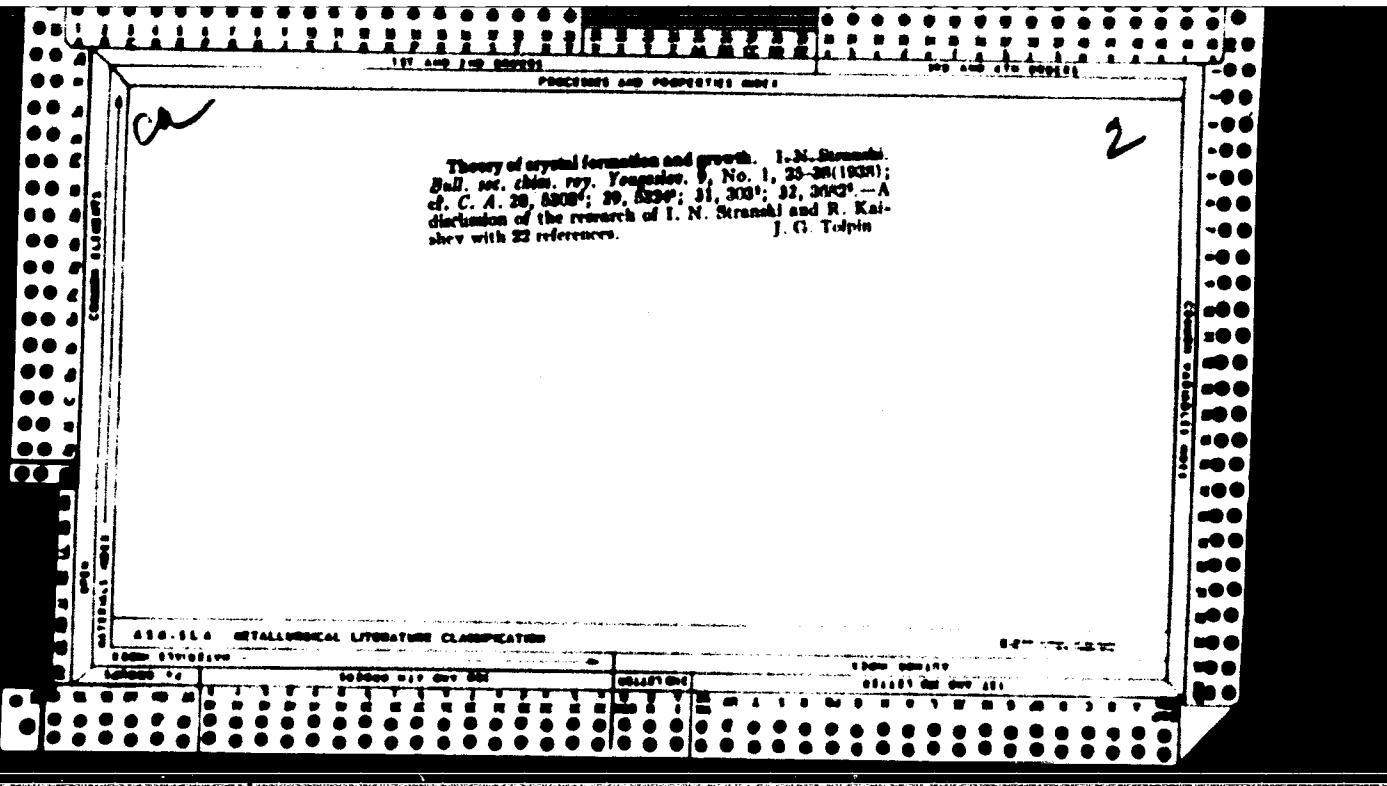
GC

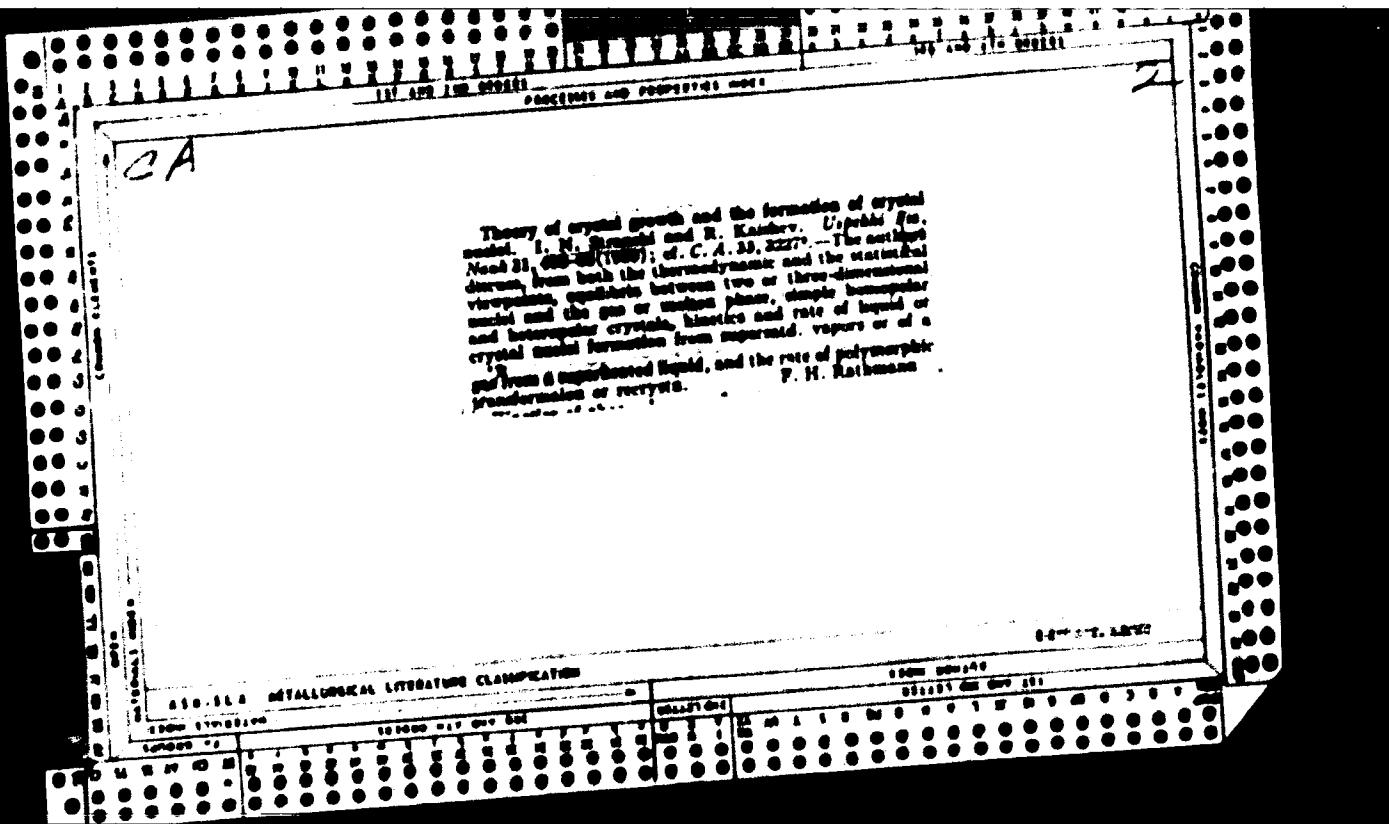
L-1

Recent knowledge on crystal growth and seed
crystal formation. I. N. Stranski (Trav. Congr.
Jubil. Mendeleev, 1937, 2, 115-138) --A brief
description of the author's mathematical theory (cf.
A., 1934, 946, 1064, 1069; 1935, 816, 1069).

C. R. H.

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION





2
C4
1 Max Volmer on his 80th birthday May 8, 1966
1 X personal (Kalter Wissens Test, Berlin-Dahlem).
2 Agent, Chem. 100, 1-5(1960).—An appreciation, with
T. H. Deutscherger
narrat.

121

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653420020-8

KNAKE, O. [Knacke, O.]; STRANSKI, I.N. [Stranski, I.N.]

Mechanism of evaporation. Usp. fiz. nauk 68 no.2:261-305 Je '59.
(MIRA 12:5)

(Evaporation)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653420020-8"

Country : U.S.
Category : Physical Chemistry - Crystals.

Area, Town : Berkeley, Calif., U.S.A.

Author(s) : J. D. Roberts, R. L. Williams, Jr., and G. E. Ladd
Institution : University of California, Berkeley
Title : The Crystal Structure of Zinc Oxide

Only Author : J. D. Roberts, R. L. Williams, Jr., and G. E. Ladd

Abstract: The effect of pressure on the crystal structure of zinc oxide has been measured at temperatures from 10° to 100° C. The existence of a hexagonal phase in zinc oxide has been determined by the experimental results obtained at 100° C. and 10,000 atmospheres. The structure of zinc oxide has been compared with the structures of other compounds containing zinc and oxygen. The results of the present investigation are summarized in the following table. The information given in the table is based on the assumption that the structure of zinc oxide is that of the hexagonal form of zinc oxide. The structure of zinc oxide is shown in the figure.

Serial No.

CH

15-

The black oxide in the vicinity of Sochi. Ivan T. Mironov.
Sov. J. Metallurgy, Dnepropetrovsk, 1954, 221-223
(1955). — The origin and characteristics of certain manganese
oxides are discussed. These badly drained black oxides are
rich in ferric iron but have unfavorable phys. properties.
They are, in general, responsive to burning and P/M forming.
Illustration. Twenty-seven references. C. I. S.

510 514 METALLURGICAL LITERATURE CLASSIFICATION

CA

The effect of several types of fertilizers on tobacco
from Bulgaria. Two and half years results
written "Livre T" 17, 134 (31) 1949, p. 1, from year
1940, I, 2223 - The action of K, lime manure and green
manure on tobacco is discussed on the basis of data reported
in the literature and results obtained in Bulgaria.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653420020-8

"This is a 12" x 12" document. It is a photograph of a photograph. It is a black and white photograph of a man's face. He has dark hair and is wearing glasses. He is looking directly at the camera. The background is plain and light-colored.

RE: [REDACTED] - [REDACTED] - [REDACTED]

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653420020-8"

Ivanov, I.
"Professor Ivan Ivanov; a.r-file" (1.78) R11B SA
(Bulgarieka Akademika Na Nekrite) Sofiya Vol 3 No 1 Jan-Feb 1954

See: East European Acquisitions List Vol 2 No 7 Aug 1954

BULGARIA/Soil Science - General Problems.

Abs Jour : Ref Zhur Biol., No 19, 1958, 86639

Author : Stranskiy, Ivan

Inst : Soil Institute, Bulgarian AS

Title : Bulgarian Folk Names of Soils According to Various
Indicators.

Orig Pub : Izv. Pochv. Inst/Bulg. Akad. 1957, 4, 307-409

Abstract : No abstract.

Card 1/1

- 5 -

M-189

STEANSKI, Ivan.

Contribution of Soviet soil science to the investigation of
Bulgarian soils. Pochvovedenie no.7:12-17 J1 '58. (MIRA 11:8)

1. Pochvennyy institut Akademii nauk Bolgarii.
(Bulgaria—Soil research)

STRANSKI, I.T.

Urgent tasks of soil science in Bulgaria [with summary in English]. Pechvodenie no.2:59-64 F '59. (MIRA 12:3)

1.Bulgarskaya AN, Pechvennyy institut.
(Bulgaria--Soil research)

STRANSKIY, S.

Improved type of electrophoresis apparatus. Vop. med. Khim.
9 no. 3:301-303 My-Je '63. (MIRA 17:9)

1. Institut meitaminskoy khimii meitinskogo fakul'teta Karlova
universiteta, Chekhoslovakiya.

Prof. Dr. med. J. Melka, M. Med. Univ. Bratislava, Slovakia

Changes in the lactate, glycemic and lipoprotein levels in the rat liver in the early stages after partial hepatectomy and simple laparotomy. J. pr. med. phys. leb. v. 1. Bratislava, 1973, p. 331-338 + 65.

J. Katedra fyziologie (prednosta prof. MUDr. J. Melka) Karlovy University v Bratislavě, Slovakia

Černý, Jiří; HERADÍKOVÁ, Milena; STRAŠEK, Albert

A contribution to the study of the mechanism of early changes
in the glycogen content of the liver and glycemia after
partial hepatectomy or simple laparatomy. Part 1 & 2. Stom. ved.
prac. lek. fak. Karlov. Univ. 8 no. 3:357-373 1963.

I. Katedra fyziologie (prednosta: prof. MUDr. J. Melka) Karlovy
University v Hradci Králové.

STRANSKY, Frantisek, inz., C.Sc.

"New ways of French technology" by Hans Rau. Reviewed by
Frantisek Stransky. Sil doprava 10 no.12:32 D '62.

ACC NR: AP601671.

(A)

STUPOR CODE: CZ/0047/06/003/002/0111/0112

AUTHOR: Stransky, Frantisek (Doctor, Engineer, Candidate of sciences)

ORG: State Committee on Technology, Prague (Statni komise pro techniku)

TITLE: New standards for highway construction in the Soviet Union

SOURCE: Technicka praca, no. 2, 1966, 111-112

TOPIC TAGS: highway construction, highway transportation

ABSTRACT: The article is a report on plans for highway development in the Soviet Union. Highways are divided into five categories according to traffic intensity (in vehicles per day): 1--above 6000; 2--3000-6000; 3--1000-3000; 4--200-1000; 5--less than 200. The figures for daily intensity are based on annual averages with regard to long-term development. Construction of intersections with highways of the first category will be of the overpass type with speed limits of 80 km/hr on exit ramps to the right and 60 km/hr on exits to the left for highways in the first and second categories. The corresponding speed limits for highways in the third category are 60 and 40 km/hr respectively. The new standards call for concrete or asphalt surfaces for highways in the first category with a load limit of 10 tons over the axle for vehicles having a wheel base of more than 3 m, or 9 tons for a wheel base of less than 3 m with graduated overall weight limits from 17.5 to 40 tons for a vehicle with 5 axles.

Card 1/2

ACC NR: AR/01/1971

A new highway is planned between Moscow and Volgograd, a distance of 1000 km. The first leg from Moscow to Tambov, a distance of 460 km is to be finished by 1968.
Orig. art. has: 3 tables.

SUB CODE: 13/ SUBM DATE: none

Card 2/2 - 4

Wright, Jim, Jr.

For better use of the International Bureau's information
on U.S. West, see separate document dated 10-10-86.

1. Institute of Scientific and Technical Information.

STRANSKY, JOSEF.

Vysokofrekvencní elektrotechnika. (1. vyd.) Praha, Nakl.
Ceskoslovenske akademie ved.
(High-frequency electrotechnics. 1st ed. illus., bibl., diagrs., graphs, indexes,
tables)

Vol. 1. 1956. 697 p.

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6.
June 1957. Uncl.

STRANSKY, JOSE F.

Vysokofrekvencki elektrotechnika. (1.vyd.)

Praha, Czechoslovakia. Nakl. Ceskoslovenske akademie ved. Vol. 2, 1959. 541. p.

Monthly list of East European Accessions (SEAI) LC, Vol. 9, no. 2, Feb. 1960.

Unclassified.

TRUCKY, J.

Automatic line for welding 150 aut. cables per hour. Zmarla
3 May 8237-739 Ac 164

1. Heavy electrical machinery and tools, Welsch.

STRANSKY, Karel, inz.

Water in chemical potato peeling. Prum potravin 14 no.10:
537-540 O '63.

1. Jihomoravska Fruta, n.p., Modrice.

STRANSKY, Karel

Centers of railroad freight transportation in the North-Bohemia region.
Sbor zem 68 no.1:45-48 '63.

F G

1703. COSTS OF GAS TRANSPORTATION BY MEANS OF LONG DISTANCE GAS PIPING. Stramaky, K. (Papiva a Voda, Mar.-Apr. 1948, vol. 28, 100-102). The paper discusses the costs of gas transportation, in particular, the costs of gas distribution from the pressure gasworks at present prices. Transportation costs are given in diagrams for individual diameters of the piping related to the quantity transported in one year for 1 km. piping.

(L).

1704. SYSTEM OF LONG DISTANCE GAS PIPING IN NORTHERN BOHEMIA.
Stranaky, L. (Paliva a Voda, May 1948, vol. 28,
157-164). The article describes high pressure gas
pipings laid from the Stalin Works in Most to North
Bohemian towns. Diameters of the piping, size of the
gas supply, pressures under the present load, pipe
material and organisation are discussed. (L).

Distr: 4E2c

✓ A furnace with controlled atmosphere and temperature gradient. V. Šatava and K. Štránský (Výroba chem. techn., Prague). *Svitidlo* 3, 341-7 (1950).—The device consists of a cylindrical furnace with a resistance winding. Gas flows through a silica tube inserted in the furnace. The temp. gradient across samples placed in the tube is measured by a thermocouple and a location indicator. The furnace was used to optimize the glazing of a glass contg. SiO_2 76.78, Na_2O 8.35, K_2O 9.8, and CaO 5.07% with a mixt. of ochre and CuSO_4 . The glaze was first air-heated for 20 min. at 840°, then reduced for 80 min. in H₂ at 250° or CO at 380-800°, and finally reheated for 2 hrs. in air at 300-500°. The furnace can be used for the study of irreversible surface reactions on solids and powder reactions. Cf. C.A. 44, 8074d.
Martin Cohen

4
1-ANC (JW)

STRANSKY, I.

"Pouring white cast iron in metallic molds." p. 53.

SLEVARENSTVI. (MINISTERSTVO TEZKEMO STROJIRENSTVI A CESKOSLOVENSKA VEDECKA TECHNICKA
SPOLECNOST PRO HUTNICTVI A SLEVARENSTVI). Praha, Czechoslovakia, Vol. 7, no. 2,
Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

STRANSKY, K.

Small mechanization in machining, a new form of propagation of technological progress, p. 978. Experiences of workers in the food industry in Hradec Kralove, p. 1609.

Technicka Praca. (Rada vedeckych technickych spolecnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 11, no. 11, Nov. 1959.

Monthly List of East European Accessions (SEAI), LC Vol. 9, no. 2, Feb. 1960

Uncl.

S/123/62/000/009/012/017
A052/A101

AUTHOR: Stránský, Karel

TITLE: Simultaneous detection of dendritic structure and primary grains in hypoeutectoid steels

PERIODICAL: Referativnyj zhurnal, Mashinostroyeniye, no. 9, 1962, 4, abstract
9G19 ("Slevarenství", 9, no. 10, 1961, 364-365, Czech)

TEXT: A method developed in ChSSR of a double pickling of metallographic microsections of hypoeutectoid carbon and low-alloyed steels in a cast state is described. The method makes it possible to observe directly under microscope the relationship between primary grains and dendrites. The first reagent (of Rosenhayn and Houghton), used for 30 - 120 sec pickling at 20°C, acts on P-rich sections to a considerable depth and detects the visible dendritic structure. After polishing on velvet with Al₂O₃ the microsection is immersed for 5 - 10 sec into a 3% alcoholic HNO₃ solution until perlitic structure lighter than the dendritic one is revealed. Thereby the outlines of primary grains indicated by ferrite lattice are detected on the microsection. If the ferrite lattice is not revealed, the microsection is polished again and pickled with nital. The dark dendritic

Card 1/2

Simultaneous detection of dendritic ...

3/12/62/000/009/012/017
A052/A101

structure is observed on the background of the lighter pickled perlite. The method is suitable for hypoeutectoid steels and shaped castings.

Ya. Polyakov

[Abstracter's note: Complete translation]

Card 2/2

S/276/63/000/002/052/052
A052/A126

AUTHORS: Stránský, Karel and Keberle, Milan

TITLE: The effect of homogenizing on mechanical properties of steel
with 0.15-0.25% C and 13% Cr

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 2,
1963, 65, abstract 2G333 (Slevárenství, v. 10, no. 8, 1962,
285-289, Czech; summaries in Russian, German, English and
French)

TEXT: Maximum strength properties of tempering (heating to 700°C,
4 hour holding, heating to 660°C, 4 hour holding and air cooling) are
achieved after homogenizing with a heating to 1,100°C, 10 hour holding,
air cooling and sequent normalizing at 1040°C and 8 hour holding. How-
ever, under these conditions the steel with 0.25% C has $\sigma_c < 15\%$. Therefore,
for steel with 0.25% C it is recommended (at the same tempering temperature)
to carry out homogenizing at 1,100°C and normalizing at 980°C. The nor-
malizing at 980°C without a preliminary homogenizing cannot secure maximum
strength properties. The welding of cast steel with 13% Cr and 0.14-0.17% C

Card 1/2

S/276/63/000/002/052/052
A052/A126

The effect of homogenizing...

by means of electrodes with 0.15% C, 17% Cr, 0.5% Ni and 0.25% Mo must be carried out with preheating to 300°C, to prevent crack formation in built-up metal, which is the case in welding without preheating. In order to produce the hardness of built-up metal and of the transition zone close to that of the base metal at a satisfactory toughness, castings must be subjected after welding to tempering at 740°C, with 4 hour holding in the furnace, 4 hours at 660°C, and air cooling.

M. Kremer

(Abstracter's note: Complete translation.)

Card 2/2

STRANSKY, Karel

Effect of aluminum on structural stability of cast carbon steel
(according to the Czechoslovak standard 42 2643) at 400°C.
Slevarenstvi 10 no.11:463-466 N '62.

1. Smeralovy zavody, Brno.

STRANSKY, Karel

Notes on fractography of cast steel. Slevarenstvi 10 no.12:480-487
D '62.

1. Smeralovy zavody, Brno.

STRANSKY, Karel, inz.

An example of the analysis of effectiveness of the new techniques in production enterprises. Podnik organizace 16 no.11:485-487 N '62.

1. Technicko-organizacni vyzkumny ustav strojirensky.

STRANSKY, Karel, inz.

Use of the metallographic microscope for photocalastometry.
Hut listy 17 no.2:135 F '62.

1. Smelcovy zavody, Pilsno.

STRANSKY, Karel inz.

Methods of total cost calculation in the analysis of the effectiveness of production technology. Pt.1. Pod org 17 no.8:348-351 Ag '63.

1. Technicko-organizacni vyzkumny ustav strojirensky.

SMEKLOVY, Karel, inz., KRALOVA, Marie, inz.

The effect of aluminum on the formation and growth of austenitic grain. Rul. listy 17 no.7:516-522 J1 '64.

1. Smeralovy zavody, n.p., Brno.

STRANSKY, Karel; KRALOVA, Marie

Contribution to the methods of thermal microscopy of steels.
Slevarenstvi 11 no. 111471-477 N°63.

1. Smelalovy zavody, Brno.

STRANSKY, Karel, inz.

Methods of total cost calculation in the analysis of effectiveness of mechanical engineering. Pt.2. Podn org 17 no.98
403-407 8*63

1. Technicko-organizacni vyzkumný ustav strojírenský.

FREMUNT, Premysl, inz. CSc.; STRANSKY, Karel, inz.

Use of thermodynamics in steel metallurgy. Hut listy 18
no.8:588-594 Ag '63.

1. Smelcovy zavody, n.p., Brno.

Stransky, Karel (a)/Karel (t)/Karel (r)/Soviet
ACCESSION NR: AP5021459

CZ/0034/64/000/011/0799/0808

29
29

E

AUTHOR: Stransky, Karel (Engineer)

TITLE: Concentration changes on the surface of alloy steels at high temperatures under vacuum

SOURCE: Hutnické listy, no. 11, 1964, 799-808

TOPIC TAGS: metal etching, vacuum, alloy steel, differential equation, binary alloy, metal surface, chromium steel, refractory metal

Abstract [Author's English Summary]: Vacuum thermal etching of alloy steels is discussed. A partial differential diffusion equation for the boundary condition for isothermal etching is given. It expresses the alteration of the gradient concentration on the surface as a function of time; it is valid for binary alloys with components having different partial vapor pressures. When coefficients of diffusion activity and condensation and the rate of evaporation are known, the surface concentrations under varying vacuums may be calculated as a function of time by solving diffusion equations for given boundary and initial conditions. Application of this method for

Card 1/2

L 62730-63

ACCESSION NR: AP5021459

thermal microscopy in heat treatment of refractory Cr steels is evaluated. This method showed that refractory steels with 18% Cr do not have a coarsening of initial structure in high temperature coating. Orig. art. has 12 figures, 12 formulas, 10 graphs, and 5 tables.

ASSOCIATION: Smeralovy zavody, Brno (Smeral's Enterprises)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF Sov: 004

OTHER: 026

JPRS

Card 2/2

STANKE, Paul, Inc.

Contribution to the internal economy of allied states. B.A. 1947
20 to 14345 Jan 1951

1. Isakovsky & Co. National Enterprise, USSR

ACC NR: 4000000

REF ID: A67000/CIA-RDP86-00513R001653420020-8

g
b

AUTHOR: Stransky, K. — Stranskiy, K.

ORG: Smeralovy Plant, Brno (Smeralovy zavody)

TITLE: Kinetic constants of concentration changes in vacuum-annealed steels

SOURCE: Kovove materialy, no. 4, 1966, 309-321

TOPIC TAGS: metal vacuum annealing, alloying element concentration, annealing, corrosion resistance

ABSTRACT: Annealing of steel in vacuum is, as a rule, accompanied by changes in the concentration of alloying elements in the surface layer, which may result in reduced hardness and corrosion resistance. Equations which can be used to calculate these changes have been derived and applied to changes in chromium and manganese concentration in alloy steels. The calculation results were compared with those obtained experimentally by the authors and by other researchers and were found to be in good agreement, though on higher temperatures and shorter exposure times of vacuum annealing. Orig. art. has: 5 figures, 3 tables, and 5 formulas. [TD]

SUB CATA: VV, 13/ SUBM DATE: 04Aug65/ ORIG REF: 007/ OTH REF: 009

Card 1/1

ACC NR: A170142.6

SOURCE CODE: C4/0034/66/000/005/0334/0339

AUTHOR: Stranaky, Karel (Engineer; Candidate of sciences)ORG: Smeral Enterprises, Brno (Smeralovy Zavody)TITLE: Surface phenomena in thermal metallography of alloy steelsSOURCE: Hutnické listy, v. 21, no. 4, 1966, 334-339TOPIC TAGS: alloy steel, metallography, annealing, austenitic steel, manganese steel

ABSTRACT:[Author's English summary modified]: Concentration changes of chromium on the surface of alloy steels containing 12.85 - 24.70% Cr, and changes of manganese content in alloy steels containing 13.44% Mn annealed in vacuo, are plotted out in a graph. The graph indicates the respective influences of the annealing time in vacuo, and the temperature of isothermal annealing upon the relative surface concentrations of the metals. Best annealing temperatures are discussed. Alpha-gamma phase transformation in heat resisting Cr steels which depends on the reduction of Cr concentration, and dissociation and dissolution of carbides on the surface of austenitic manganese steels are discussed. Orig. art. has: 11 figures, 15 formulas and 1 table.

[JRC: 36,867]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 006

Card 1/1

UIC: 669.15.26-194

0927 0807

STRANKEY, M.

From Ruzyn to the highest airport of the world. (To be contd.)

P. 632 (Kridla Vlasti) Vol. 3, No. 20, Oct. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EPAI) LC. - VOL 7, NO. 1, JAN. 1958

STRUMYL, H.

From Ruzyn to the highest airport of the world. (To be contd.)

P. 664 (Kridla Vlasti. No. 41, Oct. 1957 Praha, Czechoslovakia)

Monthly Review of East European Affairs (MEA) EC. Vol. 7, no. 2,
February 1958

RYSANEK, Pavel, Inz.; STRANSKY, Otto

New type of the VPM 3-6 monoblock machine for milk, cream, and
cocoa beverage bottling. Prum potravin 14 no.10:524-528 0
'63.

1. Choteborske kovodelne zavody, n.p., Chotebor.

SANTHUEK, Vojtech, MUDr. Ph.D., Bratislava; HRAVYI, Jozef
Modela of the atmospheric fallout on the earth. Cs cas fys
15 no.3:193-202 64.

1. Chair of Physics of the Faculty of Medicine of Charles
University, Hradec Kralove. Submitted June 25, 1964.

1. 1963-1964. ESR (1) / T(mV)/MA(h)

ACCESSION NR: AP501359

CZ/0038/65/000/002/0047/0051

AUTHOR: Sanholzer, Vilém (Santgol'zer V.); Havlovic, Vratislav (Havlovic, V.);
Stránský, František (Stránský, F.); Naruda, Otakar; Knaifl, Josef (Knaifl', I.)

TITLE: Gamma spectra of the atmospheric fallout and age indexes after the
cessation of nuclear tests

SOURCE: Jaderna energie, no. 2, 1965, 47-51

TOPIC TAGS: gamma ray, gamma spectroscopy, atmospheric property, radioactive
fallout, manganese, strontium, isotope

ABSTRACT: Samples of atmospheric fallout in the years 1963 and 1964, in the period
after the cessation of nuclear tests, were analyzed spectrometrically. The
quantities of the individual nuclides in the mixture were determined from the ^{54}Mn
spectra by absolute evaluation using comparative preparations and standards. ^{54}Mn
was determined along with fission products with long half lives. At the same time,
 ^{90}Sr was determined radiochemically. In this way it was possible to make use of
several age indexes and to determine approximately the age of stratospheric fallout
from their half lives. Orig. art. has: 6 graphs, 5 formulas.

Card 1/2

L 48291-65
ACCESSION NR: AP5013583

ASSOCIATION: Katedra fyziky lekarske fakulty Karlovy univerzity, Hradec Kralove
(Department of Physics, Medical Faculty, Charles University); Katedra radiobiologie
Vojenskeho lekarskeho vyzkumneho a doskolovalaciho ustanovu Jana Ev. Purkyne.
Hradec Kralove (Department of Radiobiology, Military Medical Research and Training
Institute Jana Ev. Purkyne)

2

SUBMITTED: OO ENCL: OO SUB CODE: NP, OP
MR REF Sov: 001 OTHER: 018 MA

Card 2/2

STRANSKY, Vitezslav (Brno, Komenskeho nam. 2)

Regeneration in Pieštany export thermal mud. Lek. listy 9
no.14:325-329 Jl '54.

1. Z odd. pro farmaceutickou mikrobiologii pri ustavu pro vseob.
a experiment pathologii. Predn. prof. Dr. V. Uher.
(MUD THERAPY,
*Pieštany export thermal mud)

COUNTRY	: CZECHOSLOVAKIA	V
CATEGORY	: Pharmacology and Toxicology. Medicinal Plants	
J.R. REP.	: Phytol., No. 1 1959, No. 1617	
AUTHOR	: Pelikova, M.; Stransky, V.	
INST.	: -	
TITLE	: The Study of the Antibacterial Properties of Hypericum perforatum L.	
JRCIC, REP.	: Farmacia (Ceskosl.), 1957, 26, Iss. 1, 111-113	
ABSTRACT	: No abstract	
CARD#	1/1	

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1 1959, No. 4599

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : tion had a weaker effect upon the above-mentioned
cont'd microbes, which was manifested only during the
blooming period and autumnal gathering. The
action of alcoholic extracts upon *Bacillus sub-*
tilis and *Streptococcus beta-hemolyticus* was
insignificant.-- I. A. Prolova

CARD: 2/2

32

STRANSKY, VITĚZSLAV.

Mikrobiologie pro farmaceuty. (Ivyd.)

Praha, Czechoslovakia, Státní pedagogický nakl., 1959. 304 p.

Monthly List of East European Accessions (EEAI), LC' Vcl. 8, no. 11, Nov. 1959
Uncl.

L 13547-65 AMD

ACCESSION NR: AP4042740

8/0241/64/009/007/0018/0020

AUTHOR: Strashinin, A. I.

TITLE: Immediate and later aftereffects of radiation therapy in *15* mammary gland carcinoma

SOURCE: Meditsinskaya radiologiya, v. 9, no. 7, 1964, 18-20

TOPIC TAGS: carcinoma, mammary gland carcinoma, radiation therapy, leukopenia, blood count

ABSTRACT: General reactions to radiation therapy were investigated in 227 patients with mammary gland carcinoma treated between 1947 and 1961, and remote aftereffects were investigated in 45 of these patients four or more years after last treatment. Dizziness, weakness and nausea were reported in 12 to 17% of all cases regardless of radiation therapy course type. Leukopenia was the most serious general radiation reaction. The following correlations were established between the dynamics of leukopenia development and radiation therapy:
1) intensive preoperative radiation of only the chest or the chest and stomach contributes to the development of leukopenia with leukocytes fluctuating from 2,000 to 4,000 cells/mm³ after the 30th day, 2) a

Card 1/3

L 13547-65

ACCESSION NR: AP4042740

mastectomy in most cases aggravates leukopenia in patients who have received preoperative radiation therapy, and in nonirradiated patients a mastectomy generally leads to leukocytosis in the postoperative period, and 3) postoperative radiation therapy generally takes place in the presence of only 2,000 to 4,000 leukocytes/mm³ in the peripheral blood despite the use of blood stimulating drugs. In the 45 cases investigated four or more years after last treatment, no deviations in white blood norms were found and hemoglobin indices fluctuated from 53 to 83% with an erythrocyte count of less than 4,000,000 found only in 6 cases, and none were lower than 3,700,000. In 8 cases of repeated radiation therapy after an interval of four or more years, leukopenia developed to the same degree as in patients undergoing radiation therapy for the first time. Orig. art. has: None.

ASSOCIATION: Radiokhirurgicheskoye otdeleniye Tsentral'nogo nauchno-issledovatel'skogo rentgenoradiologicheskogo instituta Ministerstva zdravookhraneniya, SSSR (Radiosurgical Branch of the Central Scientific-Research Roentgenoradiological Institute of the Ministry of Health, SSSR)

Card 2/3

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L 13547-65

ACCESSION NR: AP4042740

SUBMITTED: 21Jun63 ENCL: 00

SUB CODE: LS

NR REP SOV: 000 OTHER: 000

Card 3/3

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653420020-8"

SIRADINOV, V.I.

Training of physicians anesthesiologists at international courses
in Denmark. Eksper.khir. i anest. no.2:86-90'63. (MIRA 16:7)

1. Iz kafedry gospital'noy khirurgii (zav.-prof. F.G.Uglov) I
Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.
(DENMARK—ANESTHESIOLOGY—STUDY AND TEACHING)

STRANSKY, Zdenek

A lead shield for series measurement of radioactive samples.
Jaderna energie 8 no.10:372 O '62.

1. Ustav lekarske chemie, Lekarska fakulta, Karlova
universita, Hradec Kralove.

STRANSKY, Zdenek; Tech. spoluprnce: HANDOVA, Z.

Determination of the metabolism of inorganic phosphate and adenosine triphosphoric acid during the course of erythrocyte preservation.
Sborn.ved.prac.lek.fak.Karl.v.univ. (Hrad Kral) 5 no.4/5:Suppl.:280-
303 '62.

1. Ustav lekarske chemie Lekarske fakulty Karlovy university v Hrad-
ci Kralove; prednosta MUDr. I. Hala;

*

STUZKA, V.; STRANSKY, Z.; RUSICKA, S.

Oxazines as acid-base indicators. Pt.1. Coll Cz Chem 23
no.6:1399-1407 Je '63.

1. Institut fur organische, analytische und physikalische
Chemie, Palacky-Universitat, Olomouc.

STRANSKY, Z.

Comparison of some of the commonly used methods of determining inorganic phosphates in the presence of organic phosphoric acid esters. Cas. lek. cesk. 103 no. 16:425-432 17 Ap '64.

1. Ustav lekarske chemie lekarske fakulty KU [Karlova Universita]
v Hradci Králové (prednosta ~~M~~Dr. I. Hais).

STRANSKY, Z.; MACKU, J.

Direct oscillographic interpretation of electrophoregrams with
simultaneous integration. Cesk. fysiol. 8 no.6:542-547 N '59

1. Lekarska fakulta MU, Hradec Kralove.
(OSCILLOMETHY, equip. & supply)
(ELECTROPHORESIS, equip. & supply)

SKANSKY, Z

7
✓ Chromatography of organic compounds. III. Identification of aromatic compounds by means of chromatographic spectra. F. Frang and Z. Skansky (Výzkumný ústav organické syntézy, Pardubice-Rybářov, ČRCC). Collection Czechoslovak. Chem. Commun., 24, 3011-23 (1959) (in German); cf. C. I. 34, 242c.—A method is described based on paper chromatographic analysis of the investigated compd. or mixt. in a series of 12 given systems of stationary and mobile phases under standardized conditions. The obtained R_f values plotted in a fixed sequence in a graph give a curve of the so-called "chromatographic spectrum" which is characteristic for each individual compd. Color spots and the "spectra" of 51 aromatic compds. are charted and the relationships between the form of the curve and the chem. constitution are discussed at great length. Standardized procedures for the necessary operations are described and reasons for oscillations of the R_f values are pointed out. The method has good reproducibility ($\pm 0.01 R_f$) and is independent of the form even of the spotted compd. in a broad range. The form of the "chromatographic spectrum" curves permits conclusions to be drawn with regard to the constitution of new compds. The method cannot be used for compds. which

L. J. Urbánek

KOMARY, Lubek

"Analytic of Organophosphates. The Determination of Antidotes," Prague,
Veterinarni Medicina, No. 12, Dec 60, p. 913.

Affiliation: Civil Scientific Veterinary Institute in Prague.

SURNAME, Given Name:

Country: Czechoslovakia

Academic Degrees:

Affiliation: Institute of Field Station (Veterinarni vysetrovaci stanice) Olomouc

Source: Prague, Czechoslovakia CSAZV Veterinarni Medicina, Vol 6(34), No 9, Sep 61; pp 733-741

Data: "The Analysis of Organic Phosphates. Part II. Quantitative Analysis of Amide Phosphates"

STIPANSKY, Zdenek; Izenir
Institut, Stan.: Olomouc

8PO 901643

SACRED CITY, 24 JUN 1968. RECORDED BY KENNETH, N.Y. TO KIAL, INDIA
RECORDED BY KIAL, INDIA.

RECORDED BY KIAL, INDIA. SHERMAN, KIAL, INDIA. REC'D. 18 JUN 1968.

• KIAL REC'D. 18 JUN 1968 (TRANSMITTED 17 JUN 1968) A KIAL REC'D.
18 JUN 1968 (TRANSMITTED 17 JUN 1968) A KIAL REC'D.
18 JUN 1968 (TRANSMITTED 17 JUN 1968) A KIAL REC'D.

KUPEYEV, Yu.; MIKHAYLOVA, Yo.; BELYAYEVA, V.; STRANTSEVA, Yu.

Alternating current generator of the PAZ-652 motortruck. Avt.transp.
39 no.6:40-43 Je '61. (MIRA 14:7)
(Motortrucks--Electric equipment)

"APPROVED FOR RELEASE: 08/26/2000

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DATE 11-12-2010 BY SP2000/SP2000

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PRASKA, J.

Landwirtschaftliches Lesebuch. (Vyd. 2., prepracované)

Praha, Czechoslovakia, Československé pedagogické nakl., 1957, 53p.

Monthly List of East European Actions (FEAI), LC, Vol. 8, No. 9, September 1957.

Unclassified.

FELT, V.; ROHLING, S.; STRASEK, J.; VOJENOUT, S.; REICHL, D.

Influence of cortisone on the distribution and exchange of $4-C^{14}$ -cholesterol in serum lipoproteins of the rabbit. Rev. Czech. med. 7 no. 3:199-206 '61.

1. Research Institute of Endocrinology. Director: Doc. K. Silink,
M. D. Second Institute of Medical Chemistry, Medical Faculty, Charles
University Prague. Director: Prof. J. Sula, M. D.

(CORTISONE pharmacol) (LIPOPROTEINS blood)
(CHOLESTEROL blood) (CARBON radioactive)

FELT, V.; KOHLING, S.; STRASER, J.; VONHOUT, S.

Exchange of cholesterol-4-C-14 lipoproteins in normal rabbits in vivo after the application of cortisone. Cesk. gastroent. vyz. 15 no.6:401-407 S '61.

1. Vyzkumný ustav endokrinologicky, reditel doc. MUDr. Karel Silink.
(CHOLESTEROL metab) (LIPOPROTEINS metab)
(CORTISONE pharmacol)

FELT, Vl.; ROHLING, Sv.; STRASEK, J.; VOHNOUT, St.

Influence of regression of experimental atherosclerosis on serum lipids and lipoproteins. Studies with cholesterol-4-C-14. Cas. lek. cesk. 102 no.8:205-208 22 F '63.

1. Vyzkumny ustav endokrinologicky v Praze, reditel, doc. dr.

K. Silink.

(ARTERIOSCLEROSIS)	(BLOOD CHOLESTEROL)
(PHOSPHOLIPIDS)	(BLOOD LIPIDS)
(BLOOD CHEMICAL ANALYSIS)	(CARBON ISOTOPES)

100-10000

Choice of insulators for high-voltage lines. p. 222;
Vol. 5, no. 4, July/Aug. 1955. Elektrosvyaz.

SOURCE: East European Acquisitions List (EAL), EC, Vol. 5, no. 2, Feb. 1956

STARK, W.

Grounding of poles for transmission lines. I. 122. ELEKTROFENOMENA.
(Savet za energetiku i ekstraktivnu industriju) Beograd. Vol. 9, no. 3, Mar. 1956.

See East European Accessions List Vol. 5, No. 9 September, 1956

STADER, M.

Development of the construction of poles, made of metal tubes for supporting transmission lines. p. 368.

ELEKTROPRIVREDA, Beograd, Vol 9, No. 7, July, 1956

SO: East European Accessions List, Vol 5, No. 19, Oct., 1956

CHINA, R.

Grounding, transformer stations at a high specific soil resistance. p. 33.

(TEKNIČKI VESNIK, Vol. 10, No. 7, July 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Publications (EAL) Ic, Vol. 4, No. 10, October 1957. Incl.

Revised version of the report of Soviet intelligence sources on the situation in Central Europe.

Period covered: 1970-1971.

V. I. U. S., no. 13; Vol.

1971.

U.S. Monthly List of East European Intelligence (EOM) - 10

Vol. 8, No. 4
April 1971, Vol.

STRASEK, Vladimír

Pathophysiology of radiations disease. Cas. lek. česk. 45
no. 36: 984-990 7 Sept 56.

1. Radiologicka klinika KU, Prednosta: prof. Dr. V. Svab.
(RADIATIONS, inj. eff.
physiopathol. (Cs))

VUČA-JL:VIA

STRASER, Jelanka, Dr., ŠARIĆ, Đorica, Dr., and ĐUŠIĆ, Vukosav., Dr.; Institute for Physical Medicine and Rehabilitation (Institut za fizikalnu medicinu i rehabilitaciju) Head (Upravnik) Prof Dr A. MOTOVIĆ, and Internal Medicine Clinic 'B' (Internja klinika B) Head (Upravnik) Prof Dr R. PRUDVIĆ; Faculty of Medicine (Medicinski Fakultet), Belgrade.

Role of Early Kinesiotherapy in Treatment and Rehabilitation of Ischemic Cardiac Diseases.

Belgrade, Medicinski Glasnik, Vol 17, No 6-7, Jun-Jul 63; pp 253-260.

Abstract: Description of schedule of exercises and clinical changes in myocardial infarct patients, with 4 case reports. Early if mild and gradual careful retraining of sensory and motor activity of skeletal muscles is a vital factor in psychological and occupational rehabilitation. Two Yugoslav and 3 Western references.

1/1

STRASER Toma, asist. dr.; JOSIPOVIC, Vladan, asist. dr.; DJORDJEVIC,
Bozidar S., doc. dr.

Personal experiences in cortisone and ACTH therapy of rheumatic
fever. Srp arhiv lekar 82 no.4:522-532 Ap '54. (EMAL 3:7)

1. IV Interna klinika Medicinskog fakulteta u Beogradu. Upravnik:
prof. dr. Cedomil Plavacic. (Rad je Urednistvo primilo 29-V-1953 god.)
(RHEUMATIC FEVER, ther. (ACTH, ther. use
*ACTH & cortisone) *rheum. fever)
(CORTISONE, ther. use
*rheum. fever)

STRASER, T.; AHANDLOVIC, VUCINIC, R; LEVNTAL, Z.

Relations between Osler's disease and Bouillaud's disease. Acta.
med.yugosl. 9 no.1:71-83 1955.

1. IV-ieme Clinique medicale, Faculte de Medecine, Universite
de Belgrade.

(RHEUMATIC HEART DISEASE,
relation to subacute bact.endocarditis (Fr))

(ENDOCARDITIS, SUBACUTE BACTERIAL
relation to rheum.heart dis.(Fr))

STRASER, T.

Serum amino acids in severe hepatic insufficiency. (Quantitative
and chromatographic analysis in 16 patients). Acta Med. Ingol.
13 no. 4:472-480 '59.
(LIVER DISEASES blood)
(AMINO ACIDS blood)

STRASER, Tom, dr.

Clearance. Med. class. 13 n.8-9:419-423 Ag-S '59.
(KIDNEYS physiol.)